

**PATENT**

Serial No. 09/732,574

Docket No. 1009-043

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No. 09/732,574  
Applicant Mark Steven Boggs  
Filed 8 December 2000  
Title PROGRAMMABLE LOGIC CONTROLLER FUNCTION CALL  
METHOD, SYSTEM, AND APPARATUS  
Art Unit 2182  
Examiner Niketa I. Patel

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**DECLARATION UNDER 37 C.F.R. § 1.132**

Sir:

I, Dr. Ronald D. Williams, a citizen of the United States, whose full post office address is 1715 Hearthglow Lane, Charlottesville, VA 22901, declare as follows under penalty of perjury.

1. I hold a Ph.D. degree in Electrical Engineering from Massachusetts Institute of Technology awarded in 1984.
2. I hold a M.S. degree in Electrical Engineering from the University of Virginia awarded in 1978.
3. I hold a B.S. degree in Electrical Engineering from the University of Virginia

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awarded in 1977.

4. I am currently an associate professor of Electrical & Computer Engineering at the University of Virginia.
5. Since 1984, I have worked continually in the field of electrical engineering with particular emphasis in embedded computing with applications in control and signal processing.
6. During my career, I have been granted five U.S. patents for my own inventions in the field of embedded computing.
7. I have reviewed Application Serial No. 09/732,574.
8. I have reviewed U.S. Patent No. 5,978,593 (Sexton).
9. Among the devices with which I was familiar prior to 12/08/2000, the filing date of Application Serial No. 09/732,574, were devices of the type recited in Sexton.
10. I have reviewed the U.S. Patent Office Action dated 22 December 2003 relating to Application Serial No. 09/732,574 (the "Office Action"), which contains the following statement: "Sexton teaches ... customized function calls".
11. That statement in the Official Action is factually incorrect in view of the state of the electrical engineering art as of 12/08/2000, the filing date of Application Serial No. 09/732,574. One skilled in the art would not find that "Sexton teaches ... customized function calls".
12. Rather, upon reviewing the entire specification of the 09/732,574 application, one

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Signed this 10<sup>th</sup> day of May 2004

  
Dr. Ronald D. Williams

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